

Claims

- [c1] Apparatus for mounting a flat panel display screen having a mounting surface and a display surface on a support surface, said apparatus comprising:
a mounting plate for connection with said mounting surface of said display screen to fix said mounting plate for movement with said display screen, said mounting plate having a fastener portion defining a plurality of differing mounting positions for said screen on said mounting plate;
said mounting plate having a base connection portion adapted for engagement with any selected one of a plurality of different bases thereby to support said mounting plate and said display screen on the support surface.
- [c2] Apparatus as set forth in claim 1 wherein said mounting plate fastener portion includes a plurality of pairs of fastener openings for alignment with corresponding fastener openings on a display screen.
- [c3] Apparatus as set forth in claim 2 wherein said mounting plate fastener portion has an opening for supporting a T-bolt for engagement with a T-slot on a display screen.

- [c4] Apparatus as set forth in claim 1 including at least one said base having a plurality of friction hinges for supporting said mounting plate for pivotal movement relative to said base about a first pivot axis, said mounting plate being adapted for engagement with said at least one base.
- [c5] Apparatus as set forth in claim 4 wherein said mounting plate and said at least one base are free of locking knobs.
- [c6] Apparatus as set forth in claim 4 wherein said at least one base has a first portion fixed to said friction hinges, a second portion for engagement with the support surface, and a base pivot assembly interconnecting said first and second base portions for relative pivotal movement.
- [c7] Apparatus as set forth in claim 6 wherein said base pivot assembly comprises a friction connection.
- [c8] Apparatus as set forth in claim 1 wherein said at least one said base comprises a friction joint for supporting said mounting plate for pivotal movement relative to said base, said mounting plate being adapted for engagement with said at least one base.
- [c9] Apparatus as set forth in claim 6 wherein said at least one base includes two base assemblies, each one of said

base assemblies being connected with a respective one of said friction hinges, each one of said base assemblies including a first portion fixed to the associated friction hinge, a second portion for engagement with the support surface, and a base pivot assembly interconnecting said first and second base portions for relative pivotal movement, said base second portions being movable relative to each other into different planes for support on a non-planar support surface.

[c10] Apparatus as set forth in claim 1 further comprising an extender plate for connection between said mounting plate and the base.

[c11] Apparatus as set forth in claim 1 wherein said mounting plate is adapted for engagement with at least one base being a fixed base having first and second plate connection portions engageable with first and second base connection portions of said mounting plate to connect said mounting plate with said fixed base, said fixed base having a plurality of support pads for engagement with the support surface.

[c12] Apparatus as set forth in claim 11 wherein said fixed base has a recess between said support pads whereby said base is adapted to mount said mounting plate on a non-planar support surface that projects upward into

said recess.

[c13] Apparatus as set forth in claim 12 wherein each one of said plate connection portions of said base includes an upstanding tab with a fastener opening, said mounting plate having a plurality of base connection portions for connection with said plate connection portions of said base, each one of said base connection portions defining a pin channel adapted to receive a fastener extending through said fastener opening in said tab of said base to secure said mounting plate to said base.

[c14] Apparatus as set forth in claim 1 wherein said mounting plate is adapted for engagement with at least one base being a pedestal base including a base plate, said pedestal base including first and second plate connection portions engageable with said first and second base connection portions of said mounting plate to connect said mounting plate with said pedestal base, said pedestal base including a pedestal extending between said base plate and said first and second plate connection portions, said pedestal including a pivot connection for enabling pivoting movement of said first and second plate connection portions relative to said base plate about a first pivot axis.

[c15] Apparatus as set forth in claim 14 wherein said base

connection portions and said plate connection portions enable pivotal movement of said mounting plate relative to said base plate about a second pivot connection defining a second pivot axis extending transverse to said first pivot axis.

[c16] Apparatus as set forth in claim 15 wherein each one of said first said pivot connections comprises a friction connection.

[c17] A kit of parts for mounting a display screen on a support surface, said assortment including:
a mounting plate for engagement with the display screen, said mounting plate having a fastener portion defining a plurality of screen mounting locations relative to said mounting plate, said mounting plate having first and second base connection portions;
a fixed base having first and second plate connection portions engageable with said first and second base connection portions of said mounting plate to connect said mounting plate with said fixed base, said fixed base having a plurality of support pads for engagement with the support surface;
a pedestal base including a base plate with a plurality of support pads for engagement with the support surface, said pedestal base including first and second plate connection portions engageable with said first and second

base connection portions of said mounting plate to connect said mounting plate with said pedestal base, said pedestal base including a pedestal extending between said base plate and said first and second plate connection portions, said pedestal including a pivot connection for enabling pivoting movement of said first and second plate connection portions relative to said base plate; and a two-bracket base assembly including first and second brackets, each one of said first and second brackets including a support pad for engagement with the support surface, each one of said first and second brackets including a plate connection portion for connection with said first and second base connection portions of said mounting plate, each one of said first and second brackets including a pivot member supporting said plate connection portion for pivotal movement relative to said support pad.

- [c18] A kit as set forth in claim 17 wherein said plate connection portions of each one of said fixed base and said pedestal base and said two-part base assembly define a first pivot axis about which the display screen is movable relative to the support surface when said display screen is connected by said mounting plate with a selected one of said fixed base and said pedestal base and said two-part base assembly.

- [c19] A kit as set forth in claim 17 wherein said pedestal pivot connection of said pedestal base enables pivoting movement of said first and second plate connection portions relative to said base plate about a pivot axis extending transverse to said first pivot axis.
- [c20] A kit as set forth in claim 19 wherein said pivot members of said first and second brackets of said two-bracket base assembly enable pivotal movement of said plate connection portions of said brackets relative to said support pads about a pivot axis extending transverse to said first pivot axis.
- [c21] A kit as set forth in claim 19 further including an extender plate connectable between said mounting plate and said plate connection portions of each one of said fixed base and said pedestal base and said two-part base assembly, thereby to space said first pivot axis apart from said plate connection portions of each one of said fixed base and said pedestal base and said two-part base assembly.